IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Group Art Unit: 3663

Falgun D. Patel et al.

Examiner: Hughes, Deandra M.

Application No.: 10/820,098

Docket No.: 10030458-1

Filed: April 7, 2004

Confirmation No.: 8269

For: Optical Switch Using Rare Earth Doped Glass

SIXTH RESPONSE

Mail Stop AF

SMITH FROHWEIN TEMPEL. GREENLEE BLAHA LLC

Commissioner for Patents P.O. Box 1450

Customer Number 35856

Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed June 21, 2007, Applicants submit the following amendment and remarks.

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 4 of this paper.

AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Avago Technologies Deposit Account No. 50-3718.

> I hereby certify that this correspondence is being electronically transmitted via EFS Web to the United States Patent and Trademark Office or